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15 gag cca gtg aac atc atg gag ctc tat ctt ggt gcc aag gaa tcc aag 345  
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 85 90 95

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20 tcg gct gcc tac ccg ggc tgg ttc ctg tgc acg gtg cct gaa gcc gat 441  
 Ser Ala Ala Tyr Pro Gly Trp Phe Leu Cys Thr Val Pro Glu Ala Asp  
 115 120 125

25 cag cct gtc aga ctc acc cag ctt ccc gag aat ggt ggc tgg aat gcc 489  
 Gln Pro Val Arg Leu Thr Gln Leu Pro Glu Asn Gly Gly Trp Asn Ala  
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30 ccc atc aca gac ttc tac ttc cag cag tgt gac tagggcaacg tgccccccag 542  
 Pro Ile Thr Asp Phe Tyr Phe Gln Gln Cys Asp  
 145 150 155

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55 <213> Unknown Organism  
 <223> Description of Unknown Organism: primate; surmised  
 Homo sapiens

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007546-020404  
 107020-9454260

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	Arg Ser Asp Ser Val Thr Pro Val Thr Val Ala Val Ile Thr Cys Lys																
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 Homo sapiens

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25 Gly Gln Asp Met Glu Gln Gln Val Val Phe Ser Met Ser Phe Val Gln  
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Gly Glu Glu Ser Asn Asp Lys Ile Pro Val Ala Leu Gly Leu Lys Glu  
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30 Lys Asn Leu Tyr Leu Ser Cys Val Leu Lys Asp Asp Lys Pro Thr Leu  
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35 Gln Leu Glu Ser Val Asp Pro Lys Asn Tyr Pro Lys Lys Lys Met Glu  
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Lys Arg Phe Val Phe Asn Lys Ile Glu Ile Asn Asn Lys Leu Glu Phe  
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40 Glu Ser Ala Gln Phe Pro Asn Trp Tyr Ile Ser Thr Ser Gln Ala Glu  
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 5 Pro Asn Val Asn Leu Glu Glu Lys Ile Asp Val Val Pro Ile Glu Pro  
                   35                                  40                                  45  
 His Ala Leu Phe Leu Gly Ile His Gly Gly Lys Met Cys Leu Ser Cys  
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 10 Val Lys Ser Gly Asp Glu Thr Arg Leu Gln Leu Glu Ala Val Asn Ile  
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                   85                                  90                                  95  
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                   100                                  105                                  110  
 20 Gly Trp Phe Leu Cys Thr Ala Met Glu Ala Asp Gln Pro Val Ser Leu  
                   115                                  120                                  125  
 Thr Asn Met Pro Asp Glu Gly Val Met Val Thr Lys Phe Tyr Phe Gln  
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 Asp Gln Val Leu Phe Val Asp Lys Arg Gln Pro Val Phe Glu Asp Met  
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 45 Thr Asp Ile Asp Gln Ser Ala Ser Glu Pro Gln Thr Arg Leu Ile Ile  
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 50 Tyr Met Tyr Lys Asp Ser Glu Val Arg Gly Leu Ala Val Thr Leu Ser  
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 Val Lys Asp Ser Lys Met Ser Thr Leu Ser Cys Lys Asn Lys Ile Ile  
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 55 Ser Phe Glu Glu Met Asp Pro Pro Glu Asn Ile Asp Asp Ile Gln Ser  
                   85                                  90                                  95  
 Asp Leu Ile Phe Phe Gln Lys Arg Val Pro Gly His Asn Lys Met Glu  
                   100                                  105                                  110  
 60 Phe Glu Ser Ser Leu Tyr Glu Gly His Phe Leu Ala Cys Gln Lys Glu

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Asp Asp Ala Phe Lys Leu Ile Leu Lys Lys Lys Asp Glu Asn Gly Asp  
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Homo sapiens

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25 Met Thr Asp Ser Asp Cys Arg Asp Asn Ala Pro Arg Thr Ile Phe Ile  
35 40 45

30 Ile Ser Met Tyr Lys Asp Ser Gln Pro Arg Gly Met Ala Val Thr Ile  
50 55 60

Ser Val Lys Cys Glu Lys Ile Ser Thr Leu Ser Cys Glu Asn Lys Ile  
65 70 75 80

35 Ile Ser Phe Lys Glu Met Asn Pro Pro Asp Asn Ile Lys Asp Thr Lys  
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Ser Asp Ile Ile Phe Phe Gln Arg Ser Val Pro Gly His Asp Asn Lys  
100 105 110

40 Met Gln Phe Glu Ser Ser Ser Tyr Glu Gly Tyr Phe Leu Ala Cys Glu  
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45 Lys Glu Arg Asp Leu Phe Lys Leu Ile Leu Lys Lys Glu Asp Glu Leu  
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	Lys	Lys	Glu	Pro	Val	Lys	Ala	Ser	Leu	Phe	Tyr	His	Lys	Lys	Ser	Gly
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	Glu	Thr	Arg	Leu	Leu	Val	Ser	Asn	Val	Ser	Ala	Glu	Asp	Arg	Gly	Asn	
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	Tyr	Ala	Cys	Gln	Ala	Ile	Leu	Thr	His	Ser	Gly	Lys	Gln	Tyr	Glu	Val	
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	Ser	Ala	Phe	His	Ser	Thr	Glu	Thr	Ile	Val	Asp	Gly	Lys	Leu	Tyr	Asp	
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tgt gga tat aag ttg ttt ata ttc ggc aga gat gaa ttc cct gga caa 1296
Cys Gly Tyr Lys Leu Phe Ile Phe Gly Arg Asp Glu Phe Pro Gly Gln
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15          435          440          445

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Ile Val Ile Val Val Pro Glu Ser Leu Gly Phe Gly Leu Leu Lys Asn
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atg aag gtt att ctc att gag ctg gag aaa atc gag gac tac aca gtc 1488
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Ser Ala Ser Gln Pro Phe Ala Phe Asn Cys Thr Phe Pro Pro Ile Thr

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	Ser Asp Glu Tyr Lys Gln Ile Leu His Leu Gly Lys Asp Asp Ser Leu		
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	Ser Phe Arg Glu His Asn Leu Tyr Thr Val Asn Ile Thr Phe Leu Glu		
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	Cys	Val	Ile	Lys	Asp	Ala	His	Ser	Cys	Tyr	Arg	Ile	Ala	Ile	Asn	Leu	
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124

DX01073K

515

520

525

Thr Lys Phe Thr Lys Lys Val Arg Tyr His Met Pro Pro Arg Arg Tyr  
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5

Pro Ala Ser Pro Pro Val Gln Leu Leu Gly His Thr Pro Arg Ile Pro  
545 550 555 560

Gly

10

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